



# CALIFORNIA AGRICULTURAL EMPLOYMENT AND EARNINGS BULLETIN

October 1996

## September 1996

This bulletin covers 27 agricultural industries in the state of California. The number of industries ranges from five to seventeen within each of six geographic regions. The regions are the San Joaquin Valley, South Coast, Desert, Central Coast, Sacramento Valley and North Coast (refer to map for details). The data are organized into the following tables by state and region:

- Wage and Salary Workers (Table A).
- Agricultural Production Workers (Table B).
- Average Weekly Earnings of Production Workers (Table C).
- Average Hours Worked by Production Workers (Table D).
- Average Hourly Earnings of Production Workers (Table E).

**NOTE:** The data in this bulletin is also available electronically through a personal computer and modem. Our Labor Market Information Division's bulletin board system, LMI On-Line, can be accessed by dialing (916) 262-2BBS (262-2227). You may also access this data through the Internet. The LMID Internet address is: <http://www.calmis.cahwnet.gov>.

California's agricultural employment level totaled 447,100 in September 1996, an increase of 7,900 from the August 1996 level of 439,200. Agricultural employment levels increased in the San Joaquin Valley, the Central Coast, and the North Coast regions, and decreased in the Sacramento Valley region. There was little change in the employment levels in the South Coast and Desert regions. (Tables 1-A through 7-A.)

### Wage and Salary Workers in Agricultural Establishments

For September 1996  
(In Thousands)

Industry	State- wide	San Joaquin	South Coast	Central Coast	Desert	Sacra- mento	North Coast
Total Agricultural	447.1	234.2	59.5	70.2	25.4	33.1	19.0
Total Crops	251.2	116.6	41.7	47.4	10.2	23.4	13.5
Total Livestock	25.4	14.1	2.0	1.2	5.0	1.9	1.9
Total Services	170.5	103.5	15.8	21.6	10.2	7.8	3.6

Source: Tables 1-A through 7-A.

Fifty-two percent of California's agricultural workers were employed in the San Joaquin Valley region. The South Coast region employed 13% of the state's agricultural workers, while the Central Coast region employed 16%. The Desert region employed 6% of the state's agricultural workers. The Sacramento Valley region employed 7% of the California agricultural workforce, and the North Coast region employed 4%.

## **AGRICULTURAL PRODUCTION WORKERS**

California's agricultural production worker employment level was 415,600 in September 1996, an increase of 3,900 from the previous month's level of 411,700. (Table 1-B through 7-B.)

Earnings for California agricultural production workers averaged \$292.12 per week in September 1996, \$11.25 more than the average weekly earnings in August 1996. Regional averages ranged from a low of \$271.57 in the San Joaquin Valley region to a high of \$348.13 in the South Coast region. (Tables 1-C through 7-C.)

The hours worked per week in California agriculture averaged 43.6 in September 1996, 1.3 hours more than the August 1996 level of 42.3. The region with the shortest workweek was the North Coast region with 37.1 hours. The longest workweek was in the Sacramento Valley region with 49.7 hours. (Tables 1-D through 7-D.)

Production workers statewide earned an average of \$6.70 per hour in September 1996, six cents more than the August 1996 level of \$6.64. The region with the highest hourly pay rate was the North Coast region at \$8.87 per hour. The region that had the lowest hourly agricultural wage was the San Joaquin Valley region at \$6.42 per hour. (Table 1-E through 7-E.)

## **CHANGES FROM ONE YEAR AGO**

California's total agricultural employment level was 3,900 less than the September 1995 level of 451,000. (Table 1-A.)

The state's agricultural production employment level decreased by 6,700 compared to one year ago. (Table 1-B.)

Average weekly earnings for California agricultural production workers had a year-over decrease of \$3.36 in September 1996. (Table 1-C.)

The number of hours worked per week in September 1996 decreased by an average of 0.9 hours compared to the same month a year before. (Table 1-D.)

Hourly earnings for California production workers averaged six cents more in September 1996 compared to the September 1995. (Table 1-E.)

## Average Hourly Earnings of Production Workers

For September 1996

Industry	State- wide	San Joaquin	South Coast	Central Coast	Desert	Sacra- mento	North Coast
Total Agricultural	\$6.70	\$6.42	\$8.04	\$7.15	\$6.89	\$6.63	\$8.87
Total Crops	6.91	6.48	8.40	7.20	6.65	6.58	8.45
Total Livestock	7.48	7.66	7.48	7.84	7.52	6.99	7.21
Total Services	6.25	6.14	6.95	7.01	6.80	6.70	10.78

Source: Tables 1-E through 7-E.

### DATA SOURCES:

The data are obtained from two sources: the Employment Development Department (EDD) Unemployment Insurance (UI) files and a monthly survey, conducted by the Labor Market Information Division of EDD, of 4,000 agricultural employers. This sample, about 14 percent of the employers, was selected to be statistically representative of the state's agricultural employers by size, geographic location and industry categories.

Sample data are gathered for the week that includes the 12th calendar day of the month; thus all data in these bulletins represent activities taking place during this mid-month period.

### DATA COMMENTS:

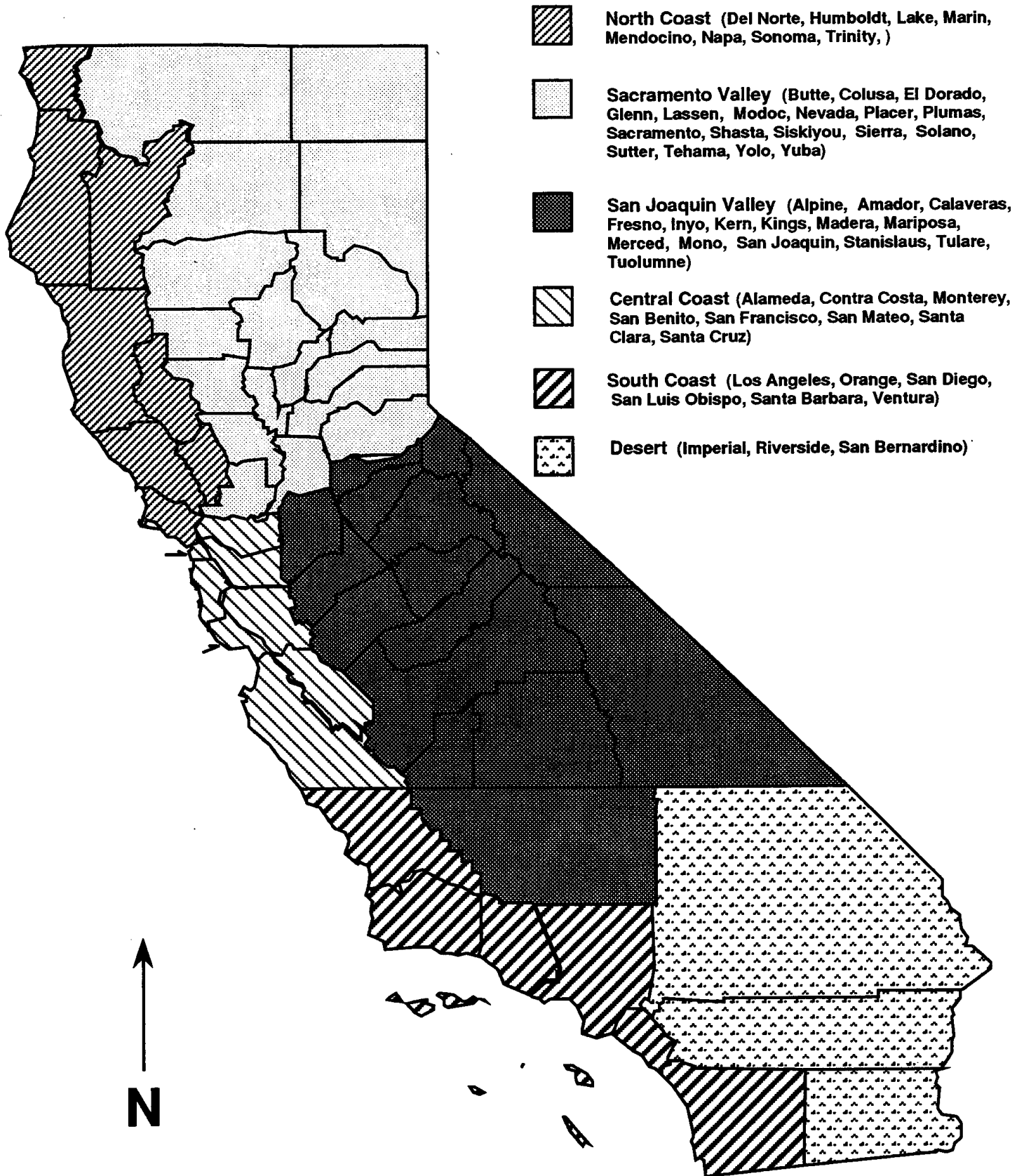
**ESTIMATES FOR THE STATE AND SIX REGIONS ARE INDEPENDENTLY DERIVED. THEREFORE, THE SUM OF THE REGIONAL ESTIMATES WILL NOT NECESSARILY EQUAL THE STATEWIDE TOTAL. SIMILARLY, ESTIMATES FOR THE MONTHS AND THE YEAR ARE INDEPENDENTLY DERIVED. THEREFORE, THE AVERAGE OF THE MONTHLY ESTIMATES WILL NOT NECESSARILY EQUAL THE ANNUAL AVERAGE ESTIMATE.**

To aid in accurate usage and interpretation of the data, please note the following:

- Employment data do not include employers or unpaid family workers.
- Figures for the current month are preliminary and subject to revision.
- Total agricultural employment estimates in this bulletin are derived from a monthly sampling project: the Current Employment Statistics for Agriculture. Estimates in this bulletin will differ from other agricultural estimates published by this department because of differences in the number of agricultural industries covered and in the definition of workers.

If you wish to be placed on our mailing list to receive future issues of this publication, please send your name and address to: **Current Economic Statistics Group, Labor Market Information Division, Employment Development Department, P.O. Box 826216, Sacramento, CA 94299-9994 or call (916) 262-2358.**

**CES-AG REPORTING REGIONS**  
**LABOR MARKET INFORMATION DIVISION**  
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# CALIFORNIA

## Wage and Salary Employment in Agricultural Establishments

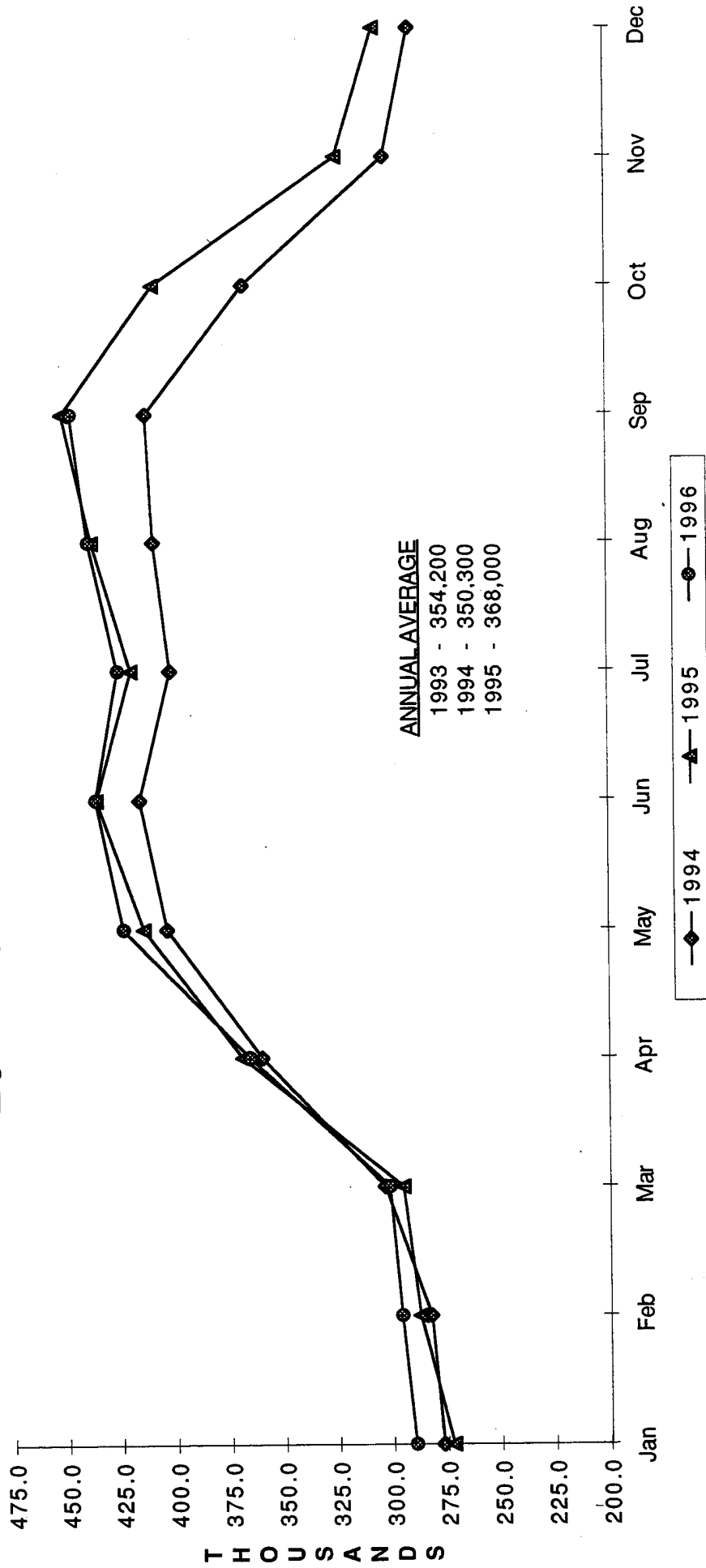


TABLE 1-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
CALIFORNIA  
(IN THOUSANDS)

INDUSTRY	SEP 1996	AUG 1996	SEP 1995
TOTAL AGRICULTURAL	447.1	439.2	451.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	251.2	243.3	252.2
CASH GRAINS	3.1	3.0	3.0
RICE	1.7	1.4	1.6
OTHER CASH GRAINS	1.4	1.6	1.4
FIELD CROPS EXCEPT CASH GRAINS	11.7	12.6	11.4
COTTON	6.6	7.4	6.7
OTHER FIELD CROPS	5.1	5.2	4.7
VEGETABLES AND MELONS	39.0	40.2	39.2
TOTAL FRUITS AND TREE NUTS	133.5	121.2	133.2
BERRIES	16.4	17.3	17.3
GRAPES	60.6	49.3	60.2
TREE NUTS	10.7	8.3	11.1
CITRUS FRUITS	5.3	5.4	5.3
DECIDUOUS TREE FRUIT	19.0	21.6	17.9
OTHER FRUITS AND NUTS	21.5	19.3	21.4
TOTAL HORTICULTURAL SPECIALTIES	31.1	31.4	32.0
ORNAMENTAL FLORAL & NURSERY	28.1	28.4	29.0
FOOD CROPS GROWN UNDER COVER	3.0	3.0	3.0
GENERAL FARM PRIMARILY CROP	32.8	34.9	33.4
TOTAL AGRIC PRODUCTION/LIVESTOCK	25.4	25.4	25.6
BEEF CATTLE FEED LOTS	0.5	0.6	0.5
BEEF CATTLE EXCEPT FEED LOTS	3.9	3.8	4.0
DAIRY FARMS	12.9	12.9	13.0
CHICKEN EGGS	2.6	2.6	2.6
TURKEYS & TURKEY EGGS	1.0	1.0	1.0
OTHER LIVESTOCK	4.5	4.5	4.5
TOTAL AGRICULTURAL SERVICES	170.5	170.5	173.2
SOIL PREPARATION SERVICES	1.3	1.3	1.3
CROP SERVICES	46.2	46.4	47.7
PLANT CULTIVATE & PROTECTION	4.6	4.8	4.5
HARVEST PRIMARILY BY MACHINE	6.1	5.7	5.8
PREPARATION SVCS FOR MARKET	34.6	35.1	36.7
COTTON GINNING	0.9	0.8	0.7
TOTAL FARM LABOR & MANAGEMENT	123.0	122.8	124.2
FARM LABOR CONTRACTORS	113.7	114.4	115.2
FARM MANAGEMENT SERVICES	9.3	8.4	9.0

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 1-B  
AGRICULTURAL PRODUCTION WORKERS (1)  
CALIFORNIA  
(IN THOUSANDS)

INDUSTRY	SEP 1996	AUG 1996	SEP 1995
TOTAL AGRICULTURAL	415.6	411.7	422.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	230.0	225.4	233.4
CASH GRAINS	2.7	2.6	2.7
RICE	1.5	1.2	1.4
OTHER CASH GRAINS	1.2	1.4	1.3
FIELD CROPS EXCEPT CASH GRAINS	10.5	11.6	10.4
COTTON	6.0	6.9	6.1
OTHER FIELD CROPS	4.5	4.7	4.3
VEGETABLES AND MELONS	36.1	37.3	36.3
TOTAL FRUITS AND TREE NUTS	127.5	115.3	126.9
BERRIES	16.0	17.0	17.0
GRAPES	58.1	46.6	57.5
TREE NUTS	9.9	7.6	10.2
CITRUS FRUITS	4.6	4.8	4.8
DECIDUOUS TREE FRUIT	18.0	20.7	17.0
OTHER FRUITS AND NUTS	20.9	18.6	20.4
TOTAL HORTICULTURAL SPECIALTIES	22.9	25.8	26.0
ORNAMENTAL FLORAL & NURSERY	20.2	23.1	23.4
FOOD CROPS GROWN UNDER COVER	2.7	2.7	2.6
GENERAL FARM PRIMARILY CROP	30.3	32.8	31.1
TOTAL AGRIC PRODUCTION/LIVESTOCK	22.7	22.9	22.9
BEEF CATTLE FEED LOTS	0.4	0.5	0.4
BEEF CATTLE EXCEPT FEED LOTS	3.3	3.2	3.3
DAIRY FARMS	12.2	12.2	12.3
CHICKEN EGGS	2.0	2.0	2.0
TURKEYS & TURKEY EGGS	0.8	0.9	0.8
OTHER LIVESTOCK	4.0	4.1	4.1
TOTAL AGRICULTURAL SERVICES	162.9	163.4	166.0
SOIL PREPARATION SERVICES	1.0	1.0	1.0
CROP SERVICES	41.5	41.9	42.9
PLANT CULTIVATE & PROTECTION	3.9	4.1	3.8
HARVEST PRIMARILY BY MACHINE	5.7	5.3	5.4
PREPARATION SVCS FOR MARKET	31.2	31.9	33.2
COTTON GINNING	0.7	0.6	0.5
TOTAL FARM LABOR & MANAGEMENT	120.4	120.5	122.1
FARM LABOR CONTRACTORS	111.7	112.7	113.7
FARM MANAGEMENT SERVICES	8.7	7.8	8.4

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 1-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
CALIFORNIA  
(IN DOLLARS PER WEEK)

INDUSTRY	SEP 1996	AUG 1996	SEP 1995
TOTAL AGRICULTURAL	292.12	280.87	295.48
TOTAL AGRICULTURAL PRODUCTION/CROPS	308.19	297.47	302.53
CASH GRAINS	425.85	375.91	350.09
RICE	437.42	389.20	365.71
OTHER CASH GRAINS	411.39	364.06	334.28
FIELD CROPS EXCEPT CASH GRAINS	317.84	337.34	342.08
COTTON	308.45	335.27	342.09
OTHER FIELD CROPS	330.50	340.56	342.25
VEGETABLES AND MELONS	343.42	330.33	325.71
TOTAL FRUITS AND TREE NUTS	273.61	273.61	285.80
BERRIES	282.44	321.54	305.09
GRAPES	274.51	271.20	286.70
TREE NUTS	337.90	304.64	317.44
CITRUS FRUITS	297.93	300.50	291.37
DECIDUOUS TREE FRUIT	241.92	230.66	256.66
OTHER FRUITS AND NUTS	251.88	263.30	271.13
TOTAL HORTICULTURAL SPECIALTIES	405.76	320.62	313.96
ORNAMENTAL FLORAL & NURSERY	407.16	311.55	303.03
FOOD CROPS GROWN UNDER COVER	400.35	398.96	409.62
GENERAL FARM PRIMARILY CROP	328.23	306.64	319.12
TOTAL AGRIC PRODUCTION/LIVESTOCK	374.00	349.81	352.72
BEEF CATTLE FEED LOTS	370.04	363.49	369.69
BEEF CATTLE EXCEPT FEED LOTS	369.10	335.05	344.43
DAIRY FARMS	393.00	362.52	366.44
CHICKEN EGGS	324.65	316.91	328.97
TURKEYS & TURKEY EGGS	354.89	382.80	393.30
OTHER LIVESTOCK	348.18	329.90	320.85
TOTAL AGRICULTURAL SERVICES	257.50	247.00	278.80
SOIL PREPARATION SERVICES	544.74	572.27	580.33
CROP SERVICES	307.53	299.80	298.07
PLANT CULTIVATE & PROTECTION	359.09	372.69	345.59
HARVEST PRIMARILY BY MACHINE	352.84	284.46	289.55
PREPARATION SVCS FOR MARKET	290.08	291.37	293.76
COTTON GINNING	434.31	399.55	362.70
TOTAL FARM LABOR & MANAGEMENT	237.48	226.94	269.84
FARM LABOR CONTRACTORS	230.27	221.31	265.59
FARM MANAGEMENT SERVICES	327.37	300.46	317.29

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.



TABLE 1-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
CALIFORNIA  
(IN HOURS PER WEEK)

INDUSTRY	SEP 1996	AUG 1996	SEP 1995
TOTAL AGRICULTURAL	43.6	42.3	44.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	44.6	44.8	45.7
CASH GRAINS	58.9	55.2	50.3
RICE	60.5	56.0	51.8
OTHER CASH GRAINS	56.9	54.5	48.8
FIELD CROPS EXCEPT CASH GRAINS	48.6	52.3	53.2
COTTON	47.6	51.9	54.3
OTHER FIELD CROPS	50.0	52.8	51.7
VEGETABLES AND MELONS	44.6	44.7	45.3
TOTAL FRUITS AND TREE NUTS	41.9	41.9	43.5
BERRIES	42.6	46.0	47.3
GRAPES	39.9	40.0	42.1
TREE NUTS	54.5	47.9	51.2
CITRUS FRUITS	42.5	43.3	40.3
DECIDUOUS TREE FRUIT	42.0	39.7	41.0
OTHER FRUITS AND NUTS	40.3	42.4	42.9
TOTAL HORTICULTURAL SPECIALTIES	46.8	46.4	45.7
ORNAMENTAL FLORAL & NURSERY	46.8	46.5	45.5
FOOD CROPS GROWN UNDER COVER	47.1	45.7	47.3
GENERAL FARM PRIMARILY CROP	52.1	50.6	52.4
TOTAL AGRIC PRODUCTION/LIVESTOCK	50.0	47.4	47.6
BEEF CATTLE FEED LOTS	50.9	52.3	53.5
BEEF CATTLE EXCEPT FEED LOTS	45.4	42.9	44.5
DAIRY FARMS	52.4	48.4	48.6
CHICKEN EGGS	48.6	47.3	49.1
TURKEYS & TURKEY EGGS	47.7	51.8	52.3
OTHER LIVESTOCK	47.5	46.4	45.0
TOTAL AGRICULTURAL SERVICES	41.2	38.0	42.5
SOIL PREPARATION SERVICES	59.6	61.8	60.2
CROP SERVICES	40.2	40.9	41.0
PLANT CULTIVATE & PROTECTION	48.2	50.5	48.2
HARVEST PRIMARILY BY MACHINE	39.6	36.8	37.8
PREPARATION SVCS FOR MARKET	39.2	40.3	40.8
COTTON GINNING	46.7	45.3	40.3
TOTAL FARM LABOR & MANAGEMENT	41.3	36.9	42.9
FARM LABOR CONTRACTORS	40.9	36.4	42.7
FARM MANAGEMENT SERVICES	46.7	42.8	44.5

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 1-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
CALIFORNIA  
(IN DOLLARS PER HOUR)

INDUSTRY	SEP 1996	AUG 1996	SEP 1995
TOTAL AGRICULTURAL	6.70	6.64	6.64
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.91	6.64	6.62
CASH GRAINS	7.23	6.81	6.96
RICE	7.23	6.95	7.06
OTHER CASH GRAINS	7.23	6.68	6.85
FIELD CROPS EXCEPT CASH GRAINS	6.54	6.45	6.43
COTTON	6.48	6.46	6.30
OTHER FIELD CROPS	6.61	6.45	6.62
VEGETABLES AND MELONS	7.70	7.39	7.19
TOTAL FRUITS AND TREE NUTS	6.53	6.53	6.57
BERRIES	6.63	6.99	6.45
GRAPES	6.88	6.78	6.81
TREE NUTS	6.20	6.36	6.20
CITRUS FRUITS	7.01	6.94	7.23
DECIDUOUS TREE FRUIT	5.76	5.81	6.26
OTHER FRUITS AND NUTS	6.25	6.21	6.32
TOTAL HORTICULTURAL SPECIALTIES	8.67	6.91	6.87
ORNAMENTAL FLORAL & NURSERY	8.70	6.70	6.66
FOOD CROPS GROWN UNDER COVER	8.50	8.73	8.66
GENERAL FARM PRIMARILY CROP	6.30	6.06	6.09
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.48	7.38	7.41
BEEF CATTLE FEED LOTS	7.27	6.95	6.91
BEEF CATTLE EXCEPT FEED LOTS	8.13	7.81	7.74
DAIRY FARMS	7.50	7.49	7.54
CHICKEN EGGS	6.68	6.70	6.70
TURKEYS & TURKEY EGGS	7.44	7.39	7.52
OTHER LIVESTOCK	7.33	7.11	7.13
TOTAL AGRICULTURAL SERVICES	6.25	6.50	6.56
SOIL PREPARATION SERVICES	9.14	9.26	9.64
CROP SERVICES	7.65	7.33	7.27
PLANT CULTIVATE & PROTECTION	7.45	7.38	7.17
HARVEST PRIMARILY BY MACHINE	8.91	7.73	7.66
PREPARATION SVCS FOR MARKET	7.40	7.23	7.20
COTTON GINNING	9.30	8.82	9.00
TOTAL FARM LABOR & MANAGEMENT	5.75	6.15	6.29
FARM LABOR CONTRACTORS	5.63	6.08	6.22
FARM MANAGEMENT SERVICES	7.01	7.02	7.13

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

# SAN JOAQUIN

## Wage and Salary Employment in Agricultural Establishments

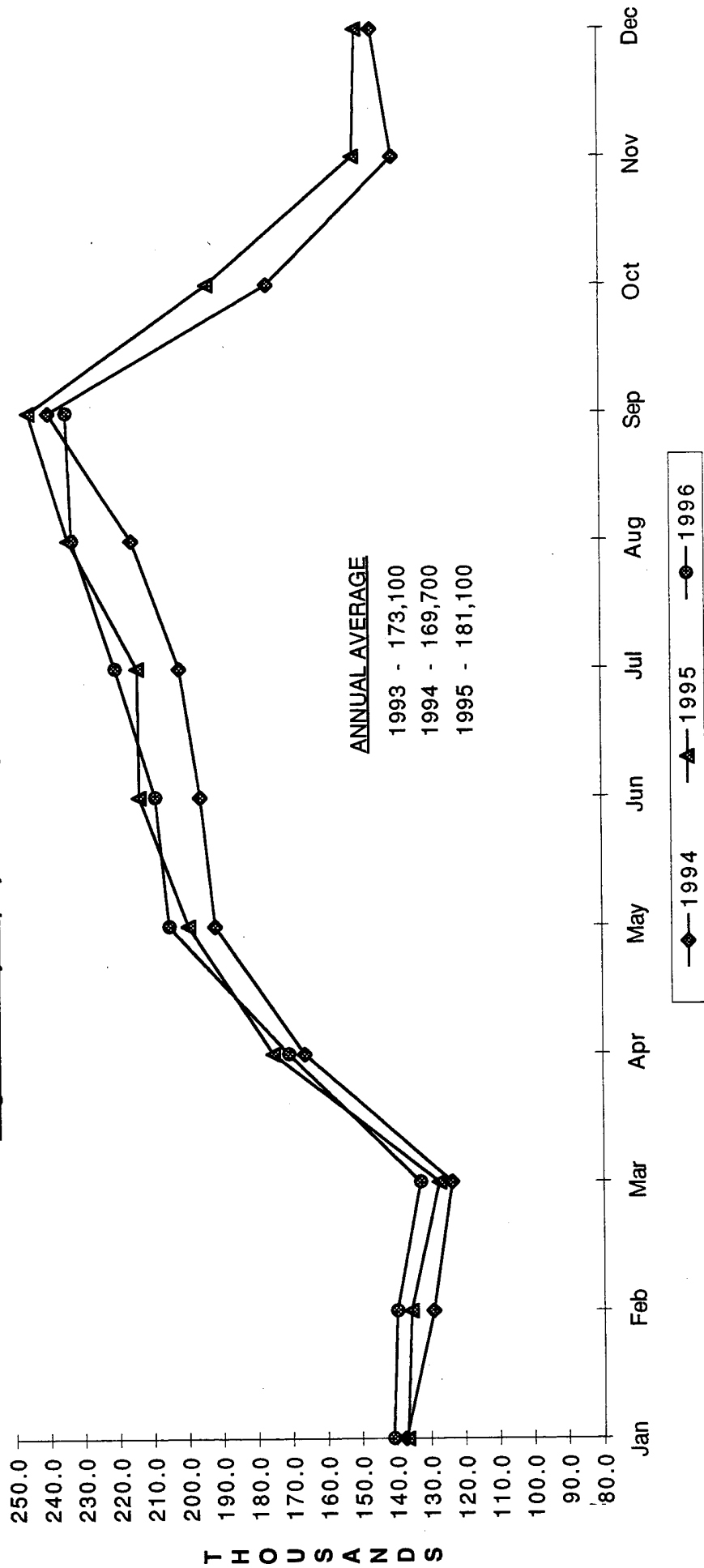


TABLE 2-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
SAN JOAQUIN VALLEY REGION  
(IN THOUSANDS)

INDUSTRY	SEP 1996	AUG 1996	SEP 1995
TOTAL AGRICULTURAL	234.2	232.6	245.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	116.6	112.9	114.6
TOTAL FIELD CROPS	9.7	10.9	9.9
COTTON	6.4	7.3	6.8
OTHER FIELD CROPS	3.3	3.6	3.1
VEGETABLES AND MELONS	7.4	10.3	7.6
TOTAL FRUITS AND TREE NUTS	78.5	69.4	76.7
GRAPES	47.8	40.3	48.7
TREE NUTS	8.1	6.3	8.3
CITRUS FRUITS	1.8	2.4	2.0
DECIDUOUS TREE FRUIT	12.2	12.8	11.2
OTHER FRUITS AND NUTS	8.6	7.6	6.5
HORTICULTURAL SPECIALTIES	3.6	2.5	2.6
GENERAL FARM PRIMARILY CROP	17.4	19.8	17.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	14.1	14.2	14.3
BEEF CATTLE FEED LOTS	0.3	0.4	0.4
BEEF CATTLE EXCEPT FEED LOTS	1.2	1.2	1.2
DAIRY FARMS	9.6	9.5	9.6
POULTRY & EGGS	1.9	2.0	2.0
OTHER LIVESTOCK	1.1	1.1	1.1
TOTAL AGRICULTURAL SERVICES	103.5	105.5	116.1
CROP SERVICES	25.3	26.5	25.7
PLANT CULTIVATE & PROTECTION	3.7	4.0	4.1
HARVEST PRIMARILY BY MACHINE	1.9	1.8	1.9
PREPARATION SVCS FOR MARKET	19.0	20.0	19.0
COTTON GINNING	0.7	0.7	0.7
TOTAL FARM LABOR & MANAGEMENT	78.2	79.0	90.4
FARM LABOR CONTRACTORS	74.4	74.9	85.9
FARM MANAGEMENT SERVICES	3.8	4.1	4.5

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 2-B  
AGRICULTURAL PRODUCTION WORKERS (1)  
SAN JOAQUIN VALLEY REGION  
(IN THOUSANDS)

INDUSTRY	SEP 1996	AUG 1996	SEP 1995
TOTAL AGRICULTURAL	221.7	222.1	234.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	109.1	107.4	109.2
TOTAL FIELD CROPS	8.8	10.0	9.0
COTTON	5.8	6.7	6.2
OTHER FIELD CROPS	3.0	3.3	2.8
VEGETABLES AND MELONS	6.9	9.8	7.2
TOTAL FRUITS AND TREE NUTS	75.9	66.9	74.3
GRAPES	46.6	39.1	47.6
TREE NUTS	7.5	5.9	7.8
CITRUS FRUITS	1.7	2.2	1.8
DECIDUOUS TREE FRUIT	11.8	12.4	10.8
OTHER FRUITS AND NUTS	8.3	7.3	6.3
HORTICULTURAL SPECIALTIES	1.5	2.0	2.1
GENERAL FARM PRIMARILY CROP	16.0	18.7	16.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	13.0	13.1	13.1
BEEF CATTLE FEED LOTS	0.3	0.3	0.3
BEEF CATTLE EXCEPT FEED LOTS	1.0	1.0	1.1
DAIRY FARMS	8.9	9.0	9.0
POULTRY & EGGS	1.8	1.9	1.8
OTHER LIVESTOCK	1.0	0.9	0.9
TOTAL AGRICULTURAL SERVICES	99.6	101.6	111.9
CROP SERVICES	22.5	23.9	22.7
PLANT CULTIVATE & PROTECTION	3.1	3.5	3.4
HARVEST PRIMARILY BY MACHINE	1.7	1.7	1.7
PREPARATION SVCS FOR MARKET	17.2	18.2	17.1
COTTON GINNING	0.5	0.5	0.5
TOTAL FARM LABOR & MANAGEMENT	77.1	77.7	89.2
FARM LABOR CONTRACTORS	73.6	73.9	85.1
FARM MANAGEMENT SERVICES	3.5	3.8	4.1

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 2-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
SAN JOAQUIN VALLEY REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	SEP 1996	AUG 1996	SEP 1995
TOTAL AGRICULTURAL	271.57	267.68	290.65
TOTAL AGRICULTURAL PRODUCTION/CROPS	282.53	278.57	293.12
TOTAL FIELD CROPS	325.15	335.52	336.27
COTTON	318.17	335.27	327.16
OTHER FIELD CROPS	339.17	336.00	358.02
VEGETABLES AND MELONS	294.83	327.63	280.69
TOTAL FRUITS AND TREE NUTS	270.50	257.58	282.72
GRAPES	275.06	262.25	283.61
TREE NUTS	332.67	292.74	308.50
CITRUS FRUITS	286.87	261.25	271.06
DECIDUOUS TREE FRUIT	239.87	230.08	263.53
OTHER FRUITS AND NUTS	232.76	247.98	278.18
HORTICULTURAL SPECIALTIES	306.00	299.20	313.85
GENERAL FARM PRIMARILY CROP	307.38	295.11	317.77
TOTAL AGRIC PRODUCTION/LIVESTOCK	385.30	358.50	360.80
BEEF CATTLE FEED LOTS	351.07	357.25	348.88
BEEF CATTLE EXCEPT FEED LOTS	394.16	356.12	350.67
DAIRY FARMS	397.58	363.66	369.85
POULTRY & EGGS	357.38	360.72	345.84
OTHER LIVESTOCK	323.65	304.80	317.50
TOTAL AGRICULTURAL SERVICES	244.37	245.12	281.03
CROP SERVICES	299.46	295.60	311.28
PLANT CULTIVATE & PROTECTION	358.01	370.76	368.13
HARVEST PRIMARILY BY MACHINE	459.54	339.80	387.37
PREPARATION SVCS FOR MARKET	270.28	275.71	291.17
COTTON GINNING	385.71	365.64	386.91
TOTAL FARM LABOR & MANAGEMENT	228.58	230.01	272.78
FARM LABOR CONTRACTORS	225.84	226.68	270.68
FARM MANAGEMENT SERVICES	290.20	294.34	328.06

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 2-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
SAN JOAQUIN VALLEY REGION  
(IN HOURS PER WEEK)

INDUSTRY	SEP 1996	AUG 1996	SEP 1995
TOTAL AGRICULTURAL	42.3	41.5	45.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	43.6	43.8	45.8
TOTAL FIELD CROPS	50.1	52.1	54.5
COTTON	49.1	51.9	54.8
OTHER FIELD CROPS	52.1	52.5	54.0
VEGETABLES AND MELONS	42.3	48.9	45.2
TOTAL FRUITS AND TREE NUTS	42.2	40.5	43.9
GRAPES	41.3	40.1	43.7
TREE NUTS	56.1	46.1	50.0
CITRUS FRUITS	43.4	41.6	40.7
DECIDUOUS TREE FRUIT	41.5	39.6	41.5
OTHER FRUITS AND NUTS	35.7	39.3	42.6
HORTICULTURAL SPECIALTIES	45.2	44.0	42.7
GENERAL FARM PRIMARILY CROP	47.0	48.3	50.2
TOTAL AGRIC PRODUCTION/LIVESTOCK	50.3	47.8	48.3
BEEF CATTLE FEED LOTS	49.1	51.7	49.0
BEEF CATTLE EXCEPT FEED LOTS	46.1	42.7	43.4
DAIRY FARMS	51.5	47.6	48.6
POULTRY & EGGS	46.9	50.1	48.1
OTHER LIVESTOCK	50.1	49.4	50.8
TOTAL AGRICULTURAL SERVICES	39.8	38.3	45.4
CROP SERVICES	37.2	41.4	42.7
PLANT CULTIVATE & PROTECTION	43.5	49.7	47.5
HARVEST PRIMARILY BY MACHINE	52.7	40.5	48.3
PREPARATION SVCS FOR MARKET	34.3	39.9	41.3
COTTON GINNING	45.7	44.0	42.8
TOTAL FARM LABOR & MANAGEMENT	40.6	37.4	46.0
FARM LABOR CONTRACTORS	40.4	37.1	45.8
FARM MANAGEMENT SERVICES	45.7	43.8	51.5

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 2-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
SAN JOAQUIN VALLEY REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	SEP 1996	AUG 1996	SEP 1995
TOTAL AGRICULTURAL	6.42	6.45	6.36
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.48	6.36	6.40
TOTAL FIELD CROPS	6.49	6.44	6.17
COTTON	6.48	6.46	5.97
OTHER FIELD CROPS	6.51	6.40	6.63
VEGETABLES AND MELONS	6.97	6.70	6.21
TOTAL FRUITS AND TREE NUTS	6.41	6.36	6.44
GRAPES	6.66	6.54	6.49
TREE NUTS	5.93	6.35	6.17
CITRUS FRUITS	6.61	6.28	6.66
DECIDUOUS TREE FRUIT	5.78	5.81	6.35
OTHER FRUITS AND NUTS	6.52	6.31	6.53
HORTICULTURAL SPECIALTIES	6.77	6.80	7.35
GENERAL FARM PRIMARILY CROP	6.54	6.11	6.33
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.66	7.50	7.47
BEEF CATTLE FEED LOTS	7.15	6.91	7.12
BEEF CATTLE EXCEPT FEED LOTS	8.55	8.34	8.08
DAIRY FARMS	7.72	7.64	7.61
POULTRY & EGGS	7.62	7.20	7.19
OTHER LIVESTOCK	6.46	6.17	6.25
TOTAL AGRICULTURAL SERVICES	6.14	6.40	6.19
CROP SERVICES	8.05	7.14	7.29
PLANT CULTIVATE & PROTECTION	8.23	7.46	7.75
HARVEST PRIMARILY BY MACHINE	8.72	8.39	8.02
PREPARATION SVCS FOR MARKET	7.88	6.91	7.05
COTTON GINNING	8.44	8.31	9.04
TOTAL FARM LABOR & MANAGEMENT	5.63	6.15	5.93
FARM LABOR CONTRACTORS	5.59	6.11	5.91
FARM MANAGEMENT SERVICES	6.35	6.72	6.37

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.



## SOUTH COAST

### Wage and Salary Employment in Agricultural Establishments

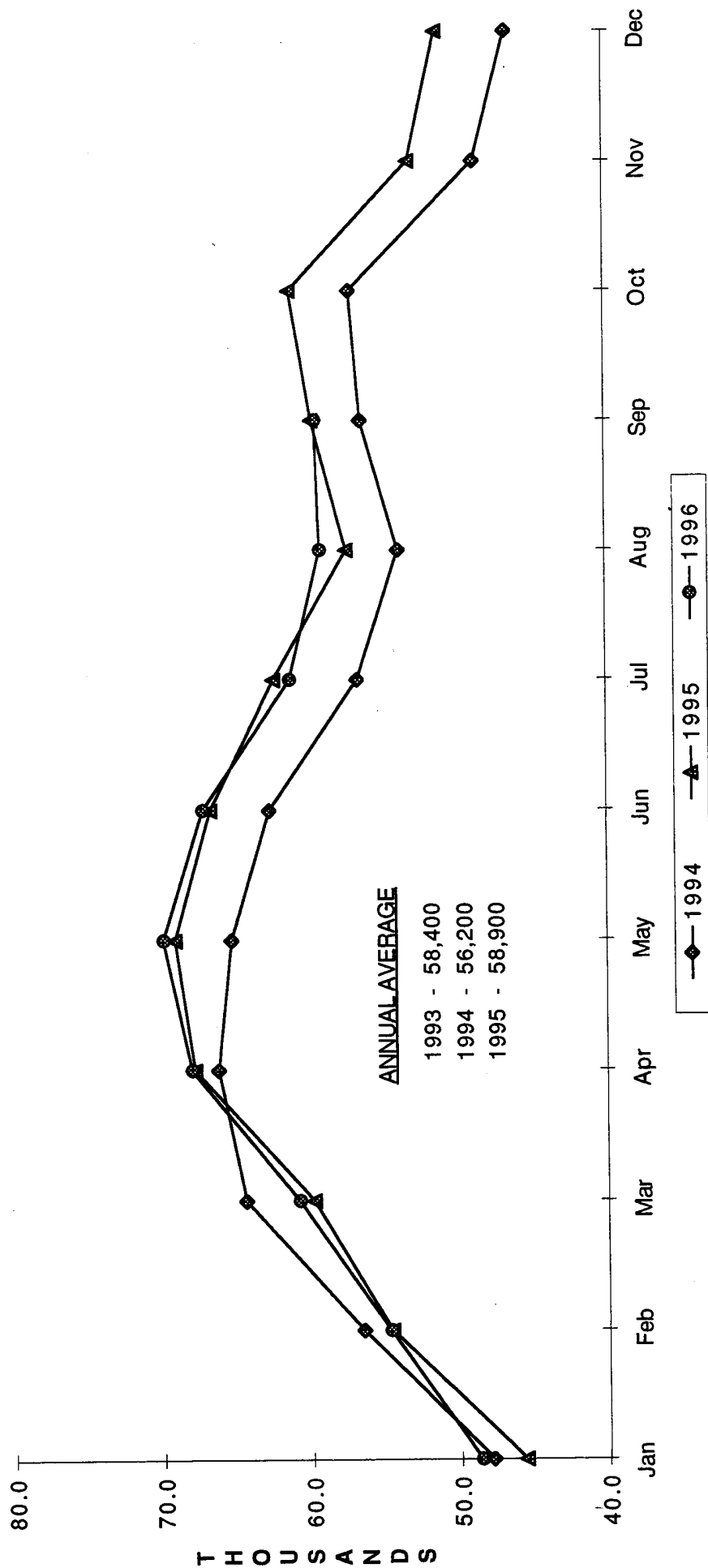


TABLE 3-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
SOUTH COAST REGION  
(IN THOUSANDS)

INDUSTRY	SEP 1996	AUG 1996	SEP 1995
TOTAL AGRICULTURAL	59.5	59.2	59.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	41.7	40.1	39.8
VEGETABLES AND MELONS	9.4	8.7	9.2
TOTAL FRUITS AND TREE NUTS	9.6	10.1	9.6
BERRIES	4.3	4.6	4.0
CITRUS FRUITS	2.0	2.2	1.9
OTHER FRUITS AND NUTS	3.3	3.3	3.7
TOTAL HORTICULTURAL SPECIALTIES	17.2	15.8	15.5
ORNAMENTAL FLORAL & NURSERY	16.5	15.1	14.8
FOOD CROPS GROWN UNDER COVER	0.7	0.7	0.7
GENERAL FARM PRIMARILY CROP	5.5	5.5	5.5
TOTAL AGRIC PRODUCTION/LIVESTOCK	2.0	2.0	2.0
TOTAL AGRICULTURAL SERVICES	15.8	17.1	17.9
CROP SERVICES	5.1	5.1	4.5
HARVEST PRIMARILY BY MACHINE	2.2	2.2	1.8
PREPARATION SVCS FOR MARKET	2.9	2.9	2.7
TOTAL FARM LABOR & MANAGEMENT	10.7	12.0	13.4
FARM LABOR CONTRACTORS	9.2	10.6	11.8
FARM MANAGEMENT SERVICES	1.5	1.4	1.6

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 3-B  
AGRICULTURAL PRODUCTION WORKERS (1)  
SOUTH COAST REGION  
(IN THOUSANDS)

INDUSTRY	SEP 1996	AUG 1996	SEP 1995
TOTAL AGRICULTURAL	51.6	53.3	53.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	35.4	35.6	34.9
VEGETABLES AND MELONS	8.7	8.0	8.5
TOTAL FRUITS AND TREE NUTS	8.8	9.4	8.7
BERRIES	4.1	4.4	3.8
CITRUS FRUITS	1.6	1.9	1.4
OTHER FRUITS AND NUTS	3.1	3.1	3.5
TOTAL HORTICULTURAL SPECIALTIES	12.8	13.1	12.7
ORNAMENTAL FLORAL & NURSERY	12.1	12.4	12.1
FOOD CROPS GROWN UNDER COVER	0.7	0.7	0.6
GENERAL FARM PRIMARILY CROP	5.1	5.1	5.0
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.7	1.7	1.7
TOTAL AGRICULTURAL SERVICES	14.5	16.0	16.8
CROP SERVICES	4.8	4.7	4.2
HARVEST PRIMARILY BY MACHINE	2.1	2.1	1.7
PREPARATION SVCS FOR MARKET	2.7	2.6	2.5
TOTAL FARM LABOR & MANAGEMENT	9.7	11.3	12.6
FARM LABOR CONTRACTORS	8.4	10.1	11.3
FARM MANAGEMENT SERVICES	1.3	1.2	1.3

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 3-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
SOUTH COAST REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	SEP 1996	AUG 1996	SEP 1995
TOTAL AGRICULTURAL	348.13	291.72	282.67
TOTAL AGRICULTURAL PRODUCTION/CROPS	391.44	303.30	291.15
VEGETABLES AND MELONS	360.35	323.60	308.88
TOTAL FRUITS AND TREE NUTS	271.37	274.53	256.26
BERRIES	260.60	267.03	251.87
CITRUS FRUITS	309.28	309.59	307.97
OTHER FRUITS AND NUTS	264.86	263.54	241.54
TOTAL HORTICULTURAL SPECIALTIES	514.49	316.58	299.17
ORNAMENTAL FLORAL & NURSERY	521.70	311.42	292.02
FOOD CROPS GROWN UNDER COVER	384.11	419.13	438.93
GENERAL FARM PRIMARILY CROP	342.70	289.04	300.03
TOTAL AGRIC PRODUCTION/LIVESTOCK	344.83	346.79	345.86
TOTAL AGRICULTURAL SERVICES	243.25	260.37	259.00
CROP SERVICES	293.17	303.40	321.56
HARVEST PRIMARILY BY MACHINE	247.86	279.23	303.06
PREPARATION SVCS FOR MARKET	328.95	322.40	333.65
TOTAL FARM LABOR & MANAGEMENT	218.54	242.14	238.85
FARM LABOR CONTRACTORS	202.23	234.68	230.81
FARM MANAGEMENT SERVICES	324.56	303.80	305.80

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 3-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
SOUTH COAST REGION  
(IN HOURS PER WEEK)

INDUSTRY	SEP 1996	AUG 1996	SEP 1995
TOTAL AGRICULTURAL	43.3	42.9	42.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	46.6	45.0	45.0
VEGETABLES AND MELONS	52.3	45.9	46.8
TOTAL FRUITS AND TREE NUTS	39.5	42.3	41.6
BERRIES	41.3	43.0	44.5
CITRUS FRUITS	39.1	41.5	41.9
OTHER FRUITS AND NUTS	37.2	41.7	38.4
TOTAL HORTICULTURAL SPECIALTIES	46.9	46.9	46.6
ORNAMENTAL FLORAL & NURSERY	47.0	46.9	46.5
FOOD CROPS GROWN UNDER COVER	44.1	47.9	48.5
GENERAL FARM PRIMARILY CROP	48.2	43.4	43.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	46.1	46.3	44.8
TOTAL AGRICULTURAL SERVICES	35.0	37.9	37.7
CROP SERVICES	36.6	38.6	42.2
HARVEST PRIMARILY BY MACHINE	34.0	36.5	40.3
PREPARATION SVCS FOR MARKET	38.7	40.2	43.5
TOTAL FARM LABOR & MANAGEMENT	34.2	37.6	36.3
FARM LABOR CONTRACTORS	32.1	36.9	35.4
FARM MANAGEMENT SERVICES	47.8	43.4	44.0

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 3-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
SOUTH COAST REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	SEP 1996	AUG 1996	SEP 1995
TOTAL AGRICULTURAL	8.04	6.80	6.62
TOTAL AGRICULTURAL PRODUCTION/CROPS	8.40	6.74	6.47
VEGETABLES AND MELONS	6.89	7.05	6.60
TOTAL FRUITS AND TREE NUTS	6.87	6.49	6.16
BERRIES	6.31	6.21	5.66
CITRUS FRUITS	7.91	7.46	7.35
OTHER FRUITS AND NUTS	7.12	6.32	6.29
TOTAL HORTICULTURAL SPECIALTIES	10.97	6.75	6.42
ORNAMENTAL FLORAL & NURSERY	11.10	6.64	6.28
FOOD CROPS GROWN UNDER COVER	8.71	8.75	9.05
GENERAL FARM PRIMARILY CROP	7.11	6.66	6.85
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.48	7.49	7.72
TOTAL AGRICULTURAL SERVICES	6.95	6.87	6.87
CROP SERVICES	8.01	7.86	7.62
HARVEST PRIMARILY BY MACHINE	7.29	7.65	7.52
PREPARATION SVCS FOR MARKET	8.50	8.02	7.67
TOTAL FARM LABOR & MANAGEMENT	6.39	6.44	6.58
FARM LABOR CONTRACTORS	6.30	6.36	6.52
FARM MANAGEMENT SERVICES	6.79	7.00	6.95

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

## CENTRAL COAST

### Wage and Salary Employment in Agricultural Establishments

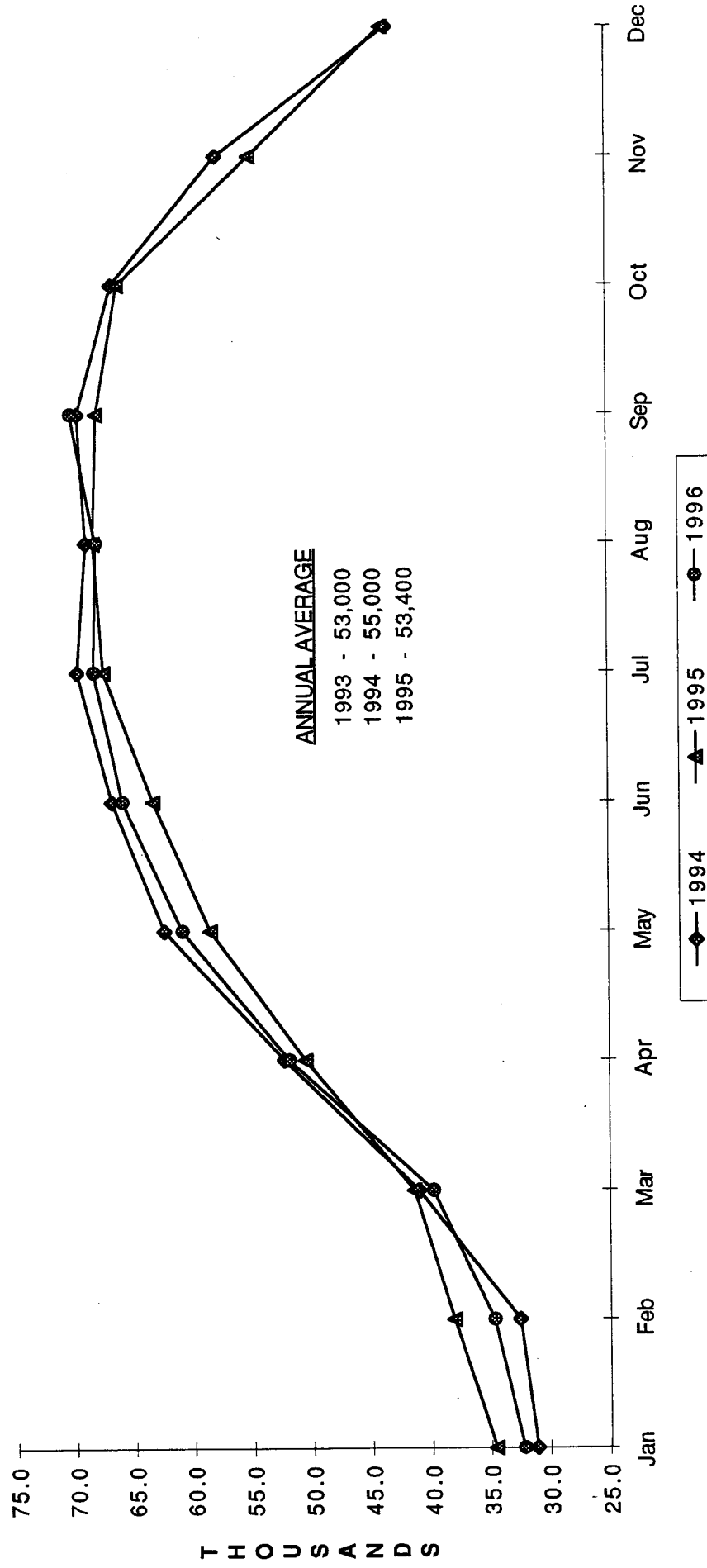


TABLE 4-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
CENTRAL COAST REGION  
(IN THOUSANDS)

INDUSTRY	SEP 1996	AUG 1996	SEP 1995
TOTAL AGRICULTURAL	70.2	68.1	68.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	47.4	45.9	45.1
VEGETABLES AND MELONS	15.4	14.7	14.8
TOTAL FRUITS AND TREE NUTS	18.6	17.8	16.7
BERRIES	13.4	14.5	13.3
DECIDUOUS TREE FRUIT	2.4	1.7	1.8
OTHER FRUITS AND NUTS	2.8	1.6	1.6
TOTAL HORTICULTURAL SPECIALTIES	10.1	9.9	10.1
ORNAMENTAL FLORAL & NURSERY	7.9	7.7	7.9
FOOD CROPS GROWN UNDER COVER	2.2	2.2	2.2
GENERAL FARM PRIMARILY CROP	3.3	3.5	3.5
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.2	1.2	1.2
TOTAL AGRICULTURAL SERVICES	21.6	21.0	21.7
CROP SERVICES	8.1	8.1	10.4
HARVEST PRIMARILY BY MACHINE	2.8	2.8	3.0
PREPARATION SVCS FOR MARKET	5.3	5.3	7.4
TOTAL FARM LABOR & MANAGEMENT	13.5	12.9	11.3

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.



TABLE 4-B  
AGRICULTURAL PRODUCTION WORKERS (1)  
CENTRAL COAST REGION  
(IN THOUSANDS)

INDUSTRY	SEP 1996	AUG 1996	SEP 1995
TOTAL AGRICULTURAL	66.0	63.9	63.6
TOTAL AGRICULTURAL PRODUCTION/CROPS	44.3	42.7	41.6
VEGETABLES AND MELONS	14.2	13.7	13.7
TOTAL FRUITS AND TREE NUTS	18.4	17.5	16.3
BERRIES	13.3	14.3	13.2
DECIDUOUS TREE FRUIT	2.3	1.6	1.7
OTHER FRUITS AND NUTS	2.8	1.6	1.4
TOTAL HORTICULTURAL SPECIALTIES	8.6	8.2	8.4
ORNAMENTAL FLORAL & NURSERY	6.7	6.3	6.5
FOOD CROPS GROWN UNDER COVER	1.9	1.9	1.9
GENERAL FARM PRIMARILY CROP	3.1	3.3	3.2
TOTAL AGRIC PRODUCTION/LIVESTOCK	0.9	0.9	0.9
TOTAL AGRICULTURAL SERVICES	20.8	20.3	21.1
CROP SERVICES	7.3	7.4	9.8
HARVEST PRIMARILY BY MACHINE	2.6	2.6	2.9
PREPARATION SVCS FOR MARKET	4.7	4.8	6.9
TOTAL FARM LABOR & MANAGEMENT	13.5	12.9	11.3

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 4-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
CENTRAL COAST REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	SEP 1996	AUG 1996	SEP 1995
TOTAL AGRICULTURAL	304.59	311.03	310.43
TOTAL AGRICULTURAL PRODUCTION/CROPS	318.24	330.51	321.37
VEGETABLES AND MELONS	347.87	340.34	322.14
TOTAL FRUITS AND TREE NUTS	288.42	322.71	307.13
BERRIES	270.30	325.21	310.58
DECIDUOUS TREE FRUIT	319.11	262.23	255.56
OTHER FRUITS AND NUTS	349.44	361.60	336.94
TOTAL HORTICULTURAL SPECIALTIES	345.45	336.35	338.42
ORNAMENTAL FLORAL & NURSERY	326.90	319.90	319.28
FOOD CROPS GROWN UNDER COVER	408.11	390.79	404.98
GENERAL FARM PRIMARILY CROP	283.85	318.50	340.48
TOTAL AGRIC PRODUCTION/LIVESTOCK	344.96	347.78	327.65
TOTAL AGRICULTURAL SERVICES	273.39	269.79	289.17
CROP SERVICES	334.54	323.18	333.26
HARVEST PRIMARILY BY MACHINE	381.64	316.76	327.10
PREPARATION SVCS FOR MARKET	307.75	326.67	335.72
TOTAL FARM LABOR & MANAGEMENT	240.86	238.55	251.12

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 4-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
CENTRAL COAST REGION  
(IN HOURS PER WEEK)

INDUSTRY	SEP 1996	AUG 1996	SEP 1995
TOTAL AGRICULTURAL	42.6	43.5	42.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	44.2	45.4	45.2
VEGETABLES AND MELONS	43.0	43.3	42.0
TOTAL FRUITS AND TREE NUTS	43.7	46.3	45.5
BERRIES	42.5	47.2	47.2
DECIDUOUS TREE FRUIT	47.7	42.5	37.2
OTHER FRUITS AND NUTS	46.1	41.9	39.5
TOTAL HORTICULTURAL SPECIALTIES	47.0	45.7	47.2
ORNAMENTAL FLORAL & NURSERY	46.7	45.7	47.3
FOOD CROPS GROWN UNDER COVER	47.9	45.6	47.2
GENERAL FARM PRIMARILY CROP	44.7	49.0	51.2
TOTAL AGRIC PRODUCTION/LIVESTOCK	44.0	45.7	44.7
TOTAL AGRICULTURAL SERVICES	39.0	39.5	37.8
CROP SERVICES	38.9	39.8	39.3
HARVEST PRIMARILY BY MACHINE	40.6	40.3	41.3
PREPARATION SVCS FOR MARKET	37.9	39.5	38.5
TOTAL FARM LABOR & MANAGEMENT	39.1	39.3	36.5

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 4-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
CENTRAL COAST REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	SEP 1996	AUG 1996	SEP 1995
TOTAL AGRICULTURAL	7.15	7.15	7.27
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.20	7.28	7.11
VEGETABLES AND MELONS	8.09	7.86	7.67
TOTAL FRUITS AND TREE NUTS	6.60	6.97	6.75
BERRIES	6.36	6.89	6.58
DECIDUOUS TREE FRUIT	6.69	6.17	6.87
OTHER FRUITS AND NUTS	7.58	8.63	8.53
TOTAL HORTICULTURAL SPECIALTIES	7.35	7.36	7.17
ORNAMENTAL FLORAL & NURSERY	7.00	7.00	6.75
FOOD CROPS GROWN UNDER COVER	8.52	8.57	8.58
GENERAL FARM PRIMARILY CROP	6.35	6.50	6.65
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.84	7.61	7.33
TOTAL AGRICULTURAL SERVICES	7.01	6.83	7.65
CROP SERVICES	8.60	8.12	8.48
HARVEST PRIMARILY BY MACHINE	9.40	7.86	7.92
PREPARATION SVCS FOR MARKET	8.12	8.27	8.72
TOTAL FARM LABOR & MANAGEMENT	6.16	6.07	6.88

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

# DESERT

## Wage and Salary Employment in Agricultural Establishments

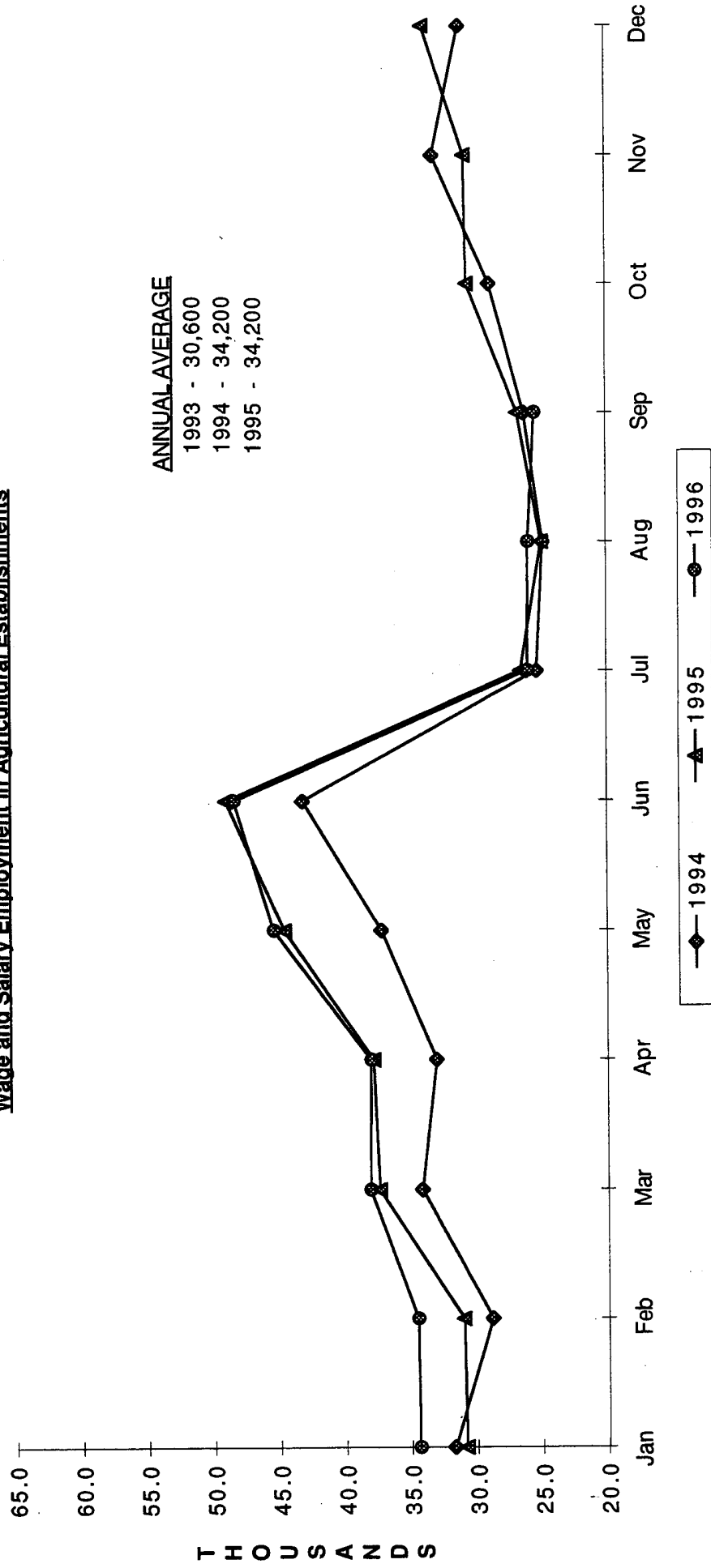


TABLE 5-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
DESERT REGION  
(IN THOUSANDS)

INDUSTRY	SEP 1996	AUG 1996	SEP 1995
TOTAL AGRICULTURAL	25.4	25.9	26.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	10.2	9.7	11.5
FIELD CROPS	1.5	1.5	1.6
VEGETABLES AND MELONS	1.9	1.9	2.5
TOTAL FRUITS AND TREE NUTS	3.8	3.4	4.5
GRAPES	1.0	1.4	1.9
CITRUS FRUITS	1.0	0.9	1.2
OTHER FRUITS AND NUTS	1.8	1.1	1.4
HORTICULTURAL SPECIALTIES	0.9	0.9	0.9
GENERAL FARM PRIMARILY CROP	2.1	2.0	2.0
TOTAL AGRIC PRODUCTION/LIVESTOCK	5.0	4.9	5.0
DAIRY FARMS	1.1	1.1	1.1
CHICKEN EGGS	0.8	0.8	0.8
OTHER LIVESTOCK	3.1	3.0	3.1
TOTAL AGRICULTURAL SERVICES	10.2	11.3	10.2
CROP SERVICES	5.4	5.8	4.9
PLANT CULTIVATE & PROTECTION	0.8	0.7	0.7
HARVEST PRIMARILY BY MACHINE	1.8	1.8	1.6
PREPARATION SVCS FOR MARKET	2.8	3.3	2.6
TOTAL FARM LABOR & MANAGEMENT	4.8	5.5	5.3

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 5-B  
AGRICULTURAL PRODUCTION WORKERS (1)  
DESERT REGION  
(IN THOUSANDS)

INDUSTRY	SEP 1996	AUG 1996	SEP 1995
TOTAL AGRICULTURAL	22.7	23.6	24.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	9.0	8.6	10.3
FIELD CROPS	1.3	1.4	1.5
VEGETABLES AND MELONS	1.8	1.7	2.3
TOTAL FRUITS AND TREE NUTS	3.4	3.1	4.1
GRAPES	0.8	1.3	1.8
CITRUS FRUITS	0.9	0.8	1.1
OTHER FRUITS AND NUTS	1.7	1.0	1.2
HORTICULTURAL SPECIALTIES	0.7	0.7	0.7
GENERAL FARM PRIMARILY CROP	1.8	1.7	1.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	4.3	4.3	4.5
DAIRY FARMS	1.0	1.0	1.1
CHICKEN EGGS	0.6	0.6	0.6
OTHER LIVESTOCK	2.7	2.7	2.8
TOTAL AGRICULTURAL SERVICES	9.4	10.7	9.4
CROP SERVICES	4.9	5.3	4.3
PLANT CULTIVATE & PROTECTION	0.7	0.6	0.5
HARVEST PRIMARILY BY MACHINE	1.8	1.7	1.5
PREPARATION SVCS FOR MARKET	2.4	3.0	2.3
TOTAL FARM LABOR & MANAGEMENT	4.5	5.4	5.1

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 5-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
DESERT REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	SEP 1996	AUG 1996	SEP 1995
TOTAL AGRICULTURAL	308.67	295.41	299.49
TOTAL AGRICULTURAL PRODUCTION/CROPS	319.87	307.90	300.92
FIELD CROPS	325.44	330.06	310.82
VEGETABLES AND MELONS	410.17	334.31	284.90
TOTAL FRUITS AND TREE NUTS	271.49	273.41	285.36
GRAPES	272.00	278.14	319.68
CITRUS FRUITS	301.39	279.19	293.72
OTHER FRUITS AND NUTS	254.69	262.75	227.81
HORTICULTURAL SPECIALTIES	326.34	318.00	315.55
GENERAL FARM PRIMARILY CROP	311.48	324.35	344.90
TOTAL AGRIC PRODUCTION/LIVESTOCK	384.27	358.90	376.75
DAIRY FARMS	456.23	435.00	470.93
CHICKEN EGGS	312.62	301.86	314.25
OTHER LIVESTOCK	372.74	342.14	354.01
TOTAL AGRICULTURAL SERVICES	262.48	258.72	262.68
CROP SERVICES	261.93	273.79	241.30
PLANT CULTIVATE & PROTECTION	350.00	341.20	322.52
HARVEST PRIMARILY BY MACHINE	224.94	224.94	205.10
PREPARATION SVCS FOR MARKET	265.18	287.71	246.76
TOTAL FARM LABOR & MANAGEMENT	263.33	244.42	280.76

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.



TABLE 5-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
DESERT REGION  
(IN HOURS PER WEEK)

INDUSTRY	SEP 1996	AUG 1996	SEP 1995
TOTAL AGRICULTURAL	44.8	43.7	44.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	48.1	46.3	46.8
FIELD CROPS	48.5	50.7	46.6
VEGETABLES AND MELONS	51.4	45.3	46.4
TOTAL FRUITS AND TREE NUTS	44.8	41.3	43.5
GRAPES	41.4	41.7	47.5
CITRUS FRUITS	46.8	41.3	39.8
OTHER FRUITS AND NUTS	45.4	40.8	40.9
HORTICULTURAL SPECIALTIES	44.1	44.6	45.6
GENERAL FARM PRIMARILY CROP	52.0	53.7	55.9
TOTAL AGRIC PRODUCTION/LIVESTOCK	51.1	49.3	49.9
DAIRY FARMS	55.1	52.6	48.3
CHICKEN EGGS	49.0	46.8	50.2
OTHER LIVESTOCK	50.1	48.6	50.5
TOTAL AGRICULTURAL SERVICES	38.6	39.2	39.5
CROP SERVICES	35.3	41.8	39.3
PLANT CULTIVATE & PROTECTION	56.0	55.3	52.7
HARVEST PRIMARILY BY MACHINE	34.5	34.5	33.9
PREPARATION SVCS FOR MARKET	30.1	43.2	39.8
TOTAL FARM LABOR & MANAGEMENT	42.2	36.7	39.6

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 5-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
DESERT REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	SEP 1996	AUG 1996	SEP 1995
TOTAL AGRICULTURAL	6.89	6.76	6.73
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.65	6.65	6.43
FIELD CROPS	6.71	6.51	6.67
VEGETABLES AND MELONS	7.98	7.38	6.14
TOTAL FRUITS AND TREE NUTS	6.06	6.62	6.56
GRAPES	6.57	6.67	6.73
CITRUS FRUITS	6.44	6.76	7.38
OTHER FRUITS AND NUTS	5.61	6.44	5.57
HORTICULTURAL SPECIALTIES	7.40	7.13	6.92
GENERAL FARM PRIMARILY CROP	5.99	6.04	6.17
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.52	7.28	7.55
DAIRY FARMS	8.28	8.27	9.75
CHICKEN EGGS	6.38	6.45	6.26
OTHER LIVESTOCK	7.44	7.04	7.01
TOTAL AGRICULTURAL SERVICES	6.80	6.60	6.65
CROP SERVICES	7.42	6.55	6.14
PLANT CULTIVATE & PROTECTION	6.25	6.17	6.12
HARVEST PRIMARILY BY MACHINE	6.52	6.52	6.05
PREPARATION SVCS FOR MARKET	8.81	6.66	6.20
TOTAL FARM LABOR & MANAGEMENT	6.24	6.66	7.09

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

## SACRAMENTO

### Wage and Salary Employment in Agricultural Establishments

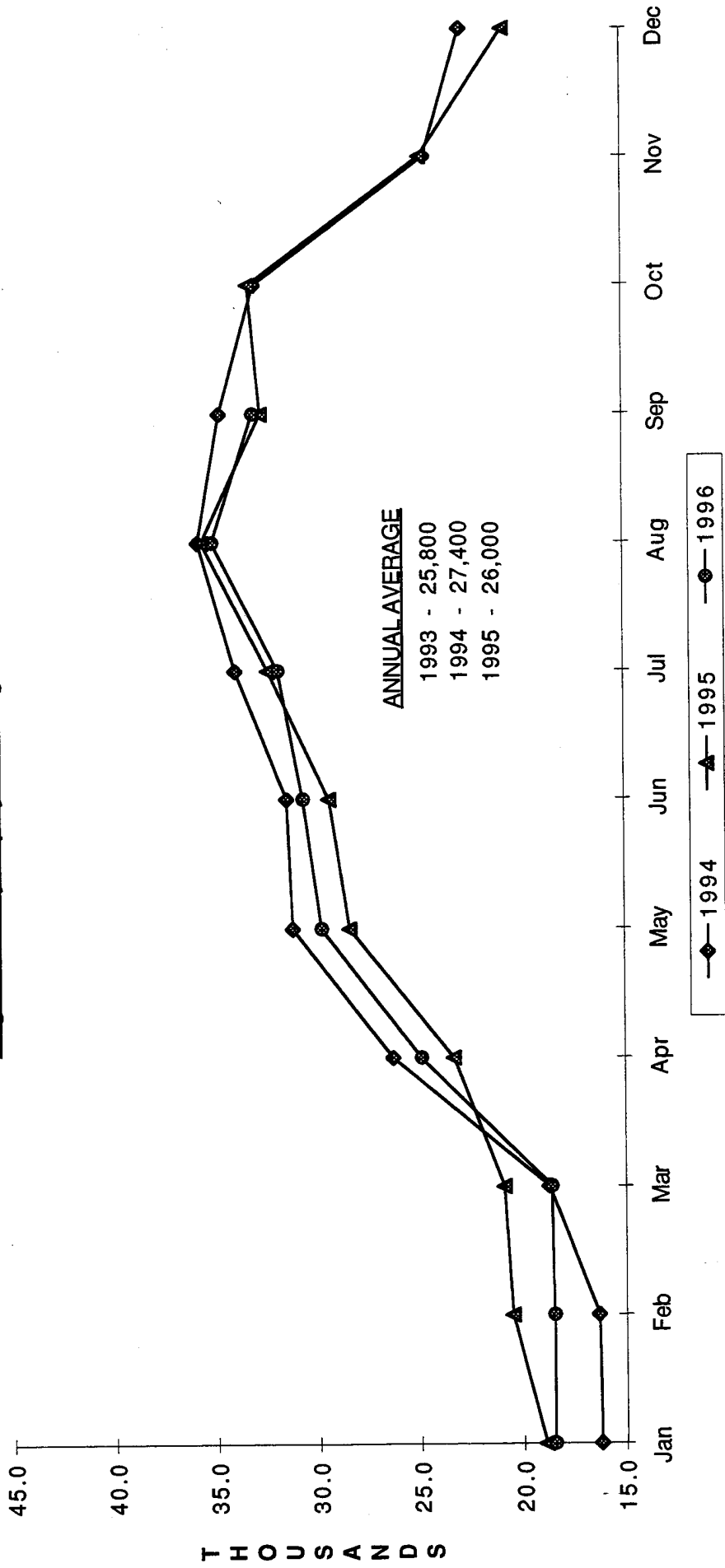


TABLE 6-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
SACRAMENTO VALLEY REGION  
(IN THOUSANDS)

INDUSTRY	SEP 1996	AUG 1996	SEP 1995
TOTAL AGRICULTURAL	33.1	35.1	32.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	23.4	24.8	22.7
RICE	1.5	1.3	1.6
VEGETABLES AND MELONS	3.1	3.5	3.2
TOTAL FRUIT AND TREE NUTS	10.7	11.2	10.6
TREE NUTS	3.1	2.3	3.2
DECIDUOUS TREE FRUIT	5.0	6.6	5.1
OTHER FRUITS AND NUTS	2.6	2.3	2.3
HORTICULTURAL SPECIALTIES	1.7	2.0	1.5
GENERAL FARM PRIMARILY CROP	6.4	6.8	5.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.9	1.9	1.9
TOTAL AGRICULTURAL SERVICES	7.8	8.4	8.1
CROP SERVICES	3.0	2.8	3.1
HARVEST PRIMARILY BY MACHINE	1.1	1.1	1.1
PREPARATION SVCS FOR MARKET	1.9	1.7	2.0
TOTAL FARM LABOR & MANAGEMENT	4.8	5.6	5.0

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 6-B  
 AGRICULTURAL PRODUCTION WORKERS (1)  
 SACRAMENTO VALLEY REGION  
 (IN THOUSANDS)

INDUSTRY	SEP 1996	AUG 1996	SEP 1995
TOTAL AGRICULTURAL	29.9	32.6	30.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	21.1	23.0	21.3
RICE	1.3	1.1	1.4
VEGETABLES AND MELONS	3.0	3.3	3.1
TOTAL FRUIT AND TREE NUTS	9.5	10.5	10.0
TREE NUTS	2.9	2.0	3.0
DECIDUOUS TREE FRUIT	4.1	6.4	4.9
OTHER FRUITS AND NUTS	2.5	2.1	2.1
HORTICULTURAL SPECIALTIES	1.4	1.7	1.3
GENERAL FARM PRIMARILY CROP	5.9	6.4	5.5
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.7	1.7	1.6
TOTAL AGRICULTURAL SERVICES	7.1	7.9	7.3
CROP SERVICES	2.4	2.4	2.4
HARVEST PRIMARILY BY MACHINE	0.8	0.9	0.8
PREPARATION SVCS FOR MARKET	1.6	1.5	1.6
TOTAL FARM LABOR & MANAGEMENT	4.7	5.5	4.9

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 6-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
SACRAMENTO VALLEY REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	SEP 1996	AUG 1996	SEP 1995
TOTAL AGRICULTURAL	329.51	303.67	304.51
TOTAL AGRICULTURAL PRODUCTION/CROPS	333.61	310.07	314.37
RICE	424.30	383.52	365.62
VEGETABLES AND MELONS	375.10	372.75	390.18
TOTAL FRUIT AND TREE NUTS	282.61	262.88	268.80
TREE NUTS	359.74	310.40	321.06
DECIDUOUS TREE FRUIT	255.17	250.92	247.20
OTHER FRUITS AND NUTS	239.95	251.93	242.32
HORTICULTURAL SPECIALTIES	329.93	312.48	321.22
GENERAL FARM PRIMARILY CROP	377.44	341.74	341.51
TOTAL AGRIC PRODUCTION/LIVESTOCK	359.29	313.56	307.94
TOTAL AGRICULTURAL SERVICES	308.87	282.30	274.94
CROP SERVICES	337.74	331.08	333.41
HARVEST PRIMARILY BY MACHINE	397.99	351.75	370.18
PREPARATION SVCS FOR MARKET	305.72	318.20	315.14
TOTAL FARM LABOR & MANAGEMENT	294.64	260.67	245.78

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS

TABLE 6-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
SACRAMENTO VALLEY REGION  
(IN HOURS PER WEEK)

INDUSTRY	SEP 1996	AUG 1996	SEP 1995
TOTAL AGRICULTURAL	49.7	47.3	48.8
TOTAL AGRICULTURAL PRODUCTION/CROPS	50.7	48.6	49.9
RICE	56.8	54.4	50.5
VEGETABLES AND MELONS	45.8	52.5	54.8
TOTAL FRUIT AND TREE NUTS	47.9	42.4	44.8
TREE NUTS	58.4	48.5	50.8
DECIDUOUS TREE FRUIT	42.6	41.0	41.2
OTHER FRUITS AND NUTS	44.6	40.7	44.3
HORTICULTURAL SPECIALTIES	41.5	46.5	47.1
GENERAL FARM PRIMARILY CROP	58.7	56.3	57.3
TOTAL AGRIC PRODUCTION/LIVESTOCK	51.4	46.8	46.8
TOTAL AGRICULTURAL SERVICES	46.1	43.7	45.9
CROP SERVICES	43.3	44.5	45.3
HARVEST PRIMARILY BY MACHINE	48.3	46.9	51.2
PREPARATION SVCS FOR MARKET	40.6	43.0	42.3
TOTAL FARM LABOR & MANAGEMENT	47.6	43.3	46.2

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 6-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
SACRAMENTO VALLEY REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	SEP 1996	AUG 1996	SEP 1995
TOTAL AGRICULTURAL	6.63	6.42	6.24
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.58	6.38	6.30
RICE	7.47	7.05	7.24
VEGETABLES AND MELONS	8.19	7.10	7.12
TOTAL FRUIT AND TREE NUTS	5.90	6.20	6.00
TREE NUTS	6.16	6.40	6.32
DECIDUOUS TREE FRUIT	5.99	6.12	6.00
OTHER FRUITS AND NUTS	5.38	6.19	5.47
HORTICULTURAL SPECIALTIES	7.95	6.72	6.82
GENERAL FARM PRIMARILY CROP	6.43	6.07	5.96
TOTAL AGRIC PRODUCTION/LIVESTOCK	6.99	6.70	6.58
TOTAL AGRICULTURAL SERVICES	6.70	6.46	5.99
CROP SERVICES	7.80	7.44	7.36
HARVEST PRIMARILY BY MACHINE	8.24	7.50	7.23
PREPARATION SVCS FOR MARKET	7.53	7.40	7.45
TOTAL FARM LABOR & MANAGEMENT	6.19	6.02	5.32

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.



# **NORTH COAST**

## **Wage and Salary Employment in Agricultural Establishments**

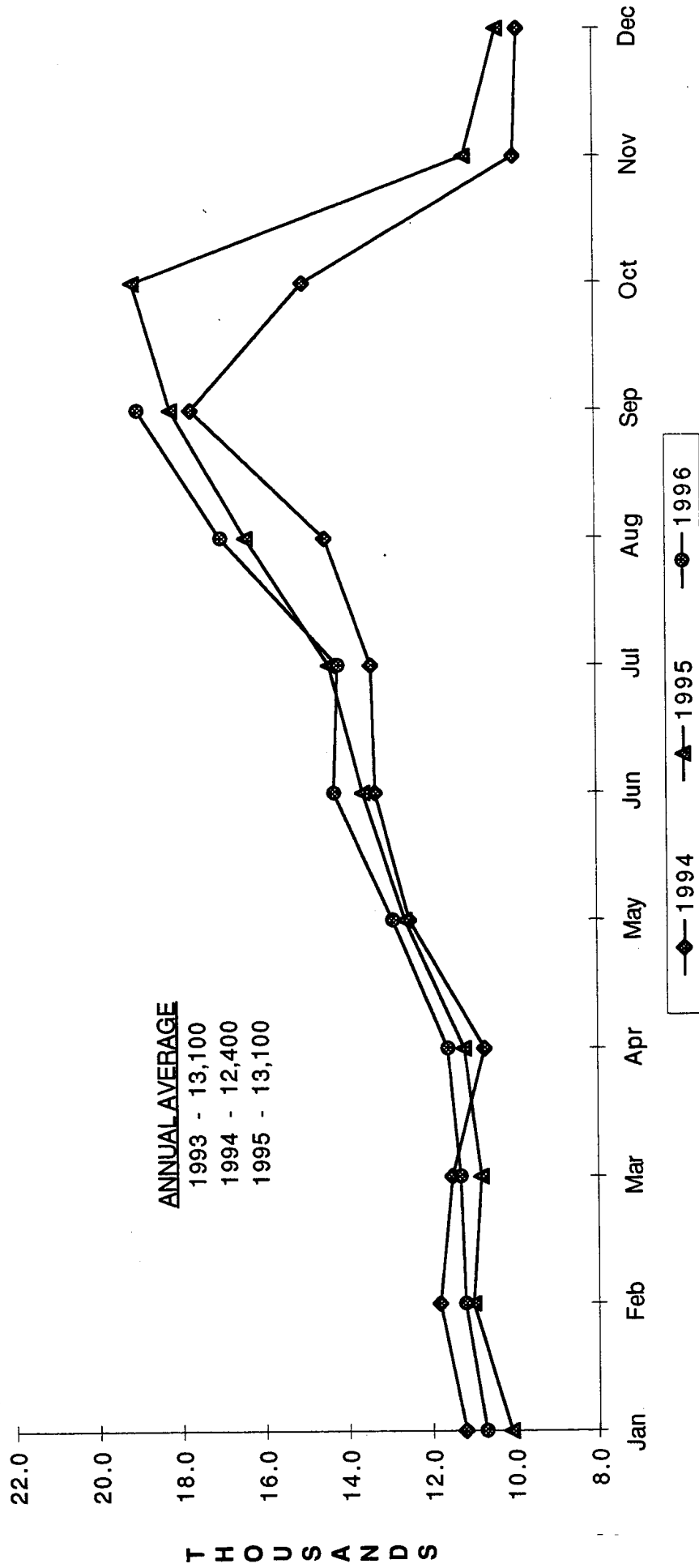


TABLE 7-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
NORTH COAST REGION  
(IN THOUSANDS)

INDUSTRY	SEP 1996	AUG 1996	SEP 1995
TOTAL AGRICULTURAL	19.0	17.0	18.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	13.5	11.7	13.1
TOTAL FRUITS AND TREE NUTS	11.1	9.2	10.5
GRAPES	8.9	6.2	8.3
OTHER FRUITS AND NUTS	2.2	3.0	2.2
TOTAL HORTICULTURAL SPECIALTIES	1.1	1.2	1.3
GENERAL FARM PRIMARILY CROP (2)	1.3	1.3	1.3
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.9	2.0	1.9
TOTAL AGRICULTURAL SERVICES	3.6	3.3	3.2

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

(2) INSUFFICIENT SAMPLE TO SUPPORT PRODUCTION WORKER, HOURS, OR EARNINGS ESTIMATES.

TABLE 7-B  
 AGRICULTURAL PRODUCTION WORKERS (1)  
 NORTH COAST REGION  
 (IN THOUSANDS)

INDUSTRY	SEP 1996	AUG 1996	SEP 1995
TOTAL AGRICULTURAL	16.4	14.9	16.1
TOTAL AGRICULTURAL PRODUCTION/CROPS	11.7	9.9	11.5
TOTAL FRUITS AND TREE NUTS	9.6	7.8	9.1
GRAPES	7.5	4.8	7.0
OTHER FRUITS AND NUTS	2.1	3.0	2.1
TOTAL HORTICULTURAL SPECIALTIES	0.9	0.9	1.1
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.7	1.8	1.7
TOTAL AGRICULTURAL SERVICES	3.0	3.2	2.9

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 7-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
NORTH COAST REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	SEP 1996	AUG 1996	SEP 1995
TOTAL AGRICULTURAL	329.08	311.10	317.56
TOTAL AGRICULTURAL PRODUCTION/CROPS	267.87	302.03	317.20
TOTAL FRUITS AND TREE NUTS	261.21	297.82	318.45
GRAPES	278.19	323.14	329.00
OTHER FRUITS AND NUTS	201.07	254.62	281.47
TOTAL HORTICULTURAL SPECIALTIES	297.56	293.78	278.78
TOTAL AGRIC PRODUCTION/LIVESTOCK	359.78	327.21	323.38
TOTAL AGRICULTURAL SERVICES	544.39	330.89	318.45

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 7-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
NORTH COAST REGION  
(IN HOURS PER WEEK)

INDUSTRY	SEP 1996	AUG 1996	SEP 1995
TOTAL AGRICULTURAL	37.1	42.5	40.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	31.7	42.6	40.0
TOTAL FRUITS AND TREE NUTS	28.3	40.3	36.9
GRAPES	28.3	39.6	35.3
OTHER FRUITS AND NUTS	28.4	41.2	42.2
TOTAL HORTICULTURAL SPECIALTIES	41.5	42.7	41.3
TOTAL AGRIC PRODUCTION/LIVESTOCK	49.9	45.7	46.0
TOTAL AGRICULTURAL SERVICES	50.5	40.5	38.6

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 7-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
NORTH COAST REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	SEP 1996	AUG 1996	SEP 1995
TOTAL AGRICULTURAL	8.87	7.32	7.88
TOTAL AGRICULTURAL PRODUCTION/CROPS	8.45	7.09	7.93
TOTAL FRUITS AND TREE NUTS	9.23	7.39	8.63
GRAPES	9.83	8.16	9.32
OTHER FRUITS AND NUTS	7.08	6.18	6.67
TOTAL HORTICULTURAL SPECIALTIES	7.17	6.88	6.75
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.21	7.16	7.03
TOTAL AGRICULTURAL SERVICES	10.78	8.17	8.25

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.